

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A data mirroring system, comprising:
a local site at a first location comprising:
a server; and
a primary mirror controller; and
at least two remote mirror sites, each at different geographic locations,
wherein each location is other than the first location, and wherein each remote mirror site comprises:
a disk array controller; and
means for storing data;
wherein said local site is communicatively coupled to each remote mirror site.
2. (Currently amended) The system of claim 1, wherein each of said at least two remote mirror sites further comprises a cache.
3. (Currently amended) The system of claim 1, wherein the local site further comprises ing: a storage area network (SAN).
4. (Currently amended) The system of claim 1, wherein the local site further comprises ing:
a cache; and
means for storing data.

5. (Original) The system of claim 1, wherein at least one of said at least two remote sites is geographically displaced at least twenty-five miles from the local site.

6. (Currently amended) The system of claim 1, wherein said at least two remote sites further comprising exactly two remote sites.

7. (Original) The system of claim 6, wherein said remote sites are substantially diametrically opposed to each other, and said remote sites are geographically located at least approximately 25 miles apart.

8. (Currently amended) The system of claim 1, further comprising ~~of~~ a backup site comprising a backup mirror controller and a backup server, and adapted to being operational when the local site ceases normal functions.

9. (Currently amended) The system of claim 8, wherein said backup site further comprises:

a cache; and

a means for data storage.

10. (Currently amended) A method of data mirroring to ~~[[i]]~~ensure the continuity of data, said method comprising the steps of:

- (i) receiving a data write request at a primary mirror controller;
- (ii) sending, by the primary mirror controller, the data write request to each of at least two remote mirror sites;
- (iii) receiving an acknowledgement message (ACK) from each remote mirror site, wherein each ACK comprises information that the data

write request has been received and executed by the remote mirror site for which the ACK corresponds; and

- (iv) sending an ACK that the data write request has been completed.

11. (Original) The method of claim 10, wherein each of said remote mirror sites is adapted to write the data write request to a cache and to a remote storage means.

12. (Original) The method of claim 10, further comprising the steps of:

- (v) upon completion of step (i), writing the data write request to a cache connected to the primary mirror controller; and
- (vi) upon the completion of step (iii), removing the data write request from the cache connected to the mirror controller.

13. (Original) The method of claim 10, further comprising the steps of:

- (v) detecting an interruption of service by the primary mirror controller;
- (vi) switching to a secondary mirror controller;
- (vii) performing steps (i) – (iv) substituting the secondary mirror controller in place of the primary mirror controller.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)